

12/29/00
jc720 U.S. PTO

01/03/01
ATTORNEY'S DOCKET NO.: CIS00-3784
A

1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: James O'Toole and John H. Jannotti
Serial No.: Unassigned
For: **METHODS AND APPARATUS FOR MAINTAINING A
MAP OF NODE RELATIONSHIPS FOR A NETWORK**
Filing Date: December 29, 2000
Examiner: Unassigned
Art Unit: Unassigned

12/29/00
jc720 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

Certificate of Mailing Under 37 C.F.R. §1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

Date: December 29, 2000

By: J. Scott Southworth

(Typed or printed name of person mailing
Document, whose signature appears below)

Express Mail Mailing
Label No. EF208416923US

Signature: J. Scott Southworth

BOX PATENT APPLICATION
Assistant Commissioner for
Patents And Trademarks
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is a patent application entitled:

**METHODS AND APPARATUS FOR MAINTAINING A MAP
OF NODE RELATIONSHIPS FOR A NETWORK**

CERTIFICATION OF NON-PUBLICATION OF THIS APPLICATION

THIS APPLICATION HAS NOT AND WILL NOT BE THE SUBJECT OF AN APPLICATION FILED IN ANOTHER COUNTRY OR UNDER A MULTILATERAL INTERNATIONAL AGREEMENT, THAT REQUIRES PUBLICATION OF THE APPLICATION 18 MONTHS AFTER FILING.

Named Inventor(s) / Inventor Address(es) / Inventor Citizenship(s):

James O'Toole
15 Munroe Street
Somerville, Massachusetts 02143

Citizenship: United States of America

John H. Jannotti
233 Massachusetts Avenue
Cambridge, Massachusetts 02139

Citizenship: United States of America

Enclosed is/are:

- Transmittal Letter (this form, 4 Pages, IN DUPLICATE) Total 8 pages
- CERTIFICATION OF NON-PUBLICATION OF THIS APPLICATION**
- Utility Patent Application Specification including Title of the Invention, Background of the Invention, Summary of the Invention, Brief Description of the Drawings, Detailed Description, 30 Claims (8 Independent, 22 dependent), Abstract of the Disclosure, Total Pages: 79.
- Drawings: Formal, Informal (Figs: 1, 2, 3A, 3B, 4, 5, 6), Total Sheets: 6.
- Newly Executed Oath/Declaration/Power of Attorney, Total Pages: 6.
- Assignment Papers (Recordation Cover Sheet 1 Page, Copy of Assignment Document, 6 Pages) Total Pages: 7.
- Return Receipt Postage Pre-paid Postcard (in duplicate), Total postcards: 2.
- Authorization to charge deposit account, if required.
- Check in the amount of: \$1,330.00, with fee amounts calculated as follows:

CLAIMS	Number Filed	Number Extra	Rate	Calculations
Total Claims	30 - 20 =	10	x \$18	\$ 180.00
Independent Claims	8 - 3 =	5	x \$80	\$ 400.00
Multiple Independent Claims			+ 270 =	\$ 0.00
			BASIC FILING FEE =	\$ 710.00
			Total of Above Calculations =	\$1290.00
			Assignment Recordation Fee =	\$ 40.00
			TOTAL FEE FOR THIS PATENT APPLICATION =	\$1330.00

Claim to Benefit of Filing Date of Earlier Filed Application:

This patent application claims the benefit of the filing date of the following earlier filed co-pending provisional patent application:

Provisional Patent Application Serial Number 60/177,985, entitled "**FAST-CHANGING NETWORK STATUS AND LOAD MONITORING AND FEEDBACK**," filed on January 25, 2000, having Attorney Docket No. 2762.2005-000.

Please direct all telephone calls and address all correspondence to:

Barry W. Chapin, Esq.
USPTO Registration No. 39,934
CHAPIN & HUANG, L.L.C.
Westborough Office Park
1700 West Park Drive
Westborough, Massachusetts 01581
United States of America
Tel: (508) 366-9600
Fax: (508) 616-9805

If the enclosed fees are insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 50-0901.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, Westborough, Massachusetts.

Respectfully submitted,

By: J. Scott Southworth

J. Scott Southworth, Esq.
Attorney for Applicants
U.S.P.T.O. Registration No.: 39,382
CHAPIN & HUANG, L.L.C.
Westborough Office Park
1700 West Park Drive
Westborough, Massachusetts 01581
Telephone: 508-366-9600
Facsimile: 508-616-9805

Attorney's Docket No.: CIS00-3784

Dated: December 29, 2000